BayRS Version 13.02 and Site Manager Software Version 7.02 Release Notes

BayRS Version 13.02
Site Manager Software Version 7.02

305279-B Rev 00
April 1999

Bay Networks *Where Information Flows.*™

4401 Great America Parkway
Santa Clara, CA 95054

8 Federal Street
Billerica, MA 01821

Copyright © 1999 Bay Networks, Inc.

All rights reserved. Printed in the USA. April 1999.

The information in this document is subject to change without notice. The statements, configurations, technical data, and recommendations in this document are believed to be accurate and reliable, but are presented without express or implied warranty. Users must take full responsibility for their applications of any products specified in this document. The information in this document is proprietary to Bay Networks, Inc.

The software described in this document is furnished under a license agreement and may only be used in accordance with the terms of that license. A summary of the Software License is included in this document.

Trademarks

AN, BLN, GAME, and Bay Networks are registered trademarks and ARN, BayRS, and the Bay Networks logo are trademarks of Bay Networks, Inc.

All other trademarks and registered trademarks are the property of their respective owners.

Restricted Rights Legend

Use, duplication, or disclosure by the United States Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013.

Notwithstanding any other license agreement that may pertain to, or accompany the delivery of, this computer software, the rights of the United States Government regarding its use, reproduction, and disclosure are as set forth in the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19.

Statement of Conditions

In the interest of improving internal design, operational function, and/or reliability, Bay Networks, Inc. reserves the right to make changes to the products described in this document without notice.

Bay Networks, Inc. does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Portions of the code in this software product may be Copyright © 1988, Regents of the University of California. All rights reserved. Redistribution and use in source and binary forms of such portions are permitted, provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that such portions of the software were developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from such portions of the software without specific prior written permission.

SUCH PORTIONS OF THE SOFTWARE ARE PROVIDED “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In addition, the program and information contained herein are licensed only pursuant to a license agreement that contains restrictions on use and disclosure (that may incorporate by reference certain limitations and notices imposed by third parties).

Bay Networks, Inc. Software License Agreement

NOTICE: Please carefully read this license agreement before copying or using the accompanying software or installing the hardware unit with pre-enabled software (each of which is referred to as “Software” in this Agreement). BY COPYING OR USING THE SOFTWARE, YOU ACCEPT ALL OF THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT. THE TERMS EXPRESSED IN THIS AGREEMENT ARE THE ONLY TERMS

UNDER WHICH BAY NETWORKS WILL PERMIT YOU TO USE THE SOFTWARE. If you do not accept these terms and conditions, return the product, unused and in the original shipping container, within 30 days of purchase to obtain a credit for the full purchase price.

1. License Grant. Bay Networks, Inc. ("Bay Networks") grants the end user of the Software ("Licensee") a personal, nonexclusive, nontransferable license: a) to use the Software either on a single computer or, if applicable, on a single authorized device identified by host ID, for which it was originally acquired; b) to copy the Software solely for backup purposes in support of authorized use of the Software; and c) to use and copy the associated user manual solely in support of authorized use of the Software by Licensee. This license applies to the Software only and does not extend to Bay Networks Agent software or other Bay Networks software products. Bay Networks Agent software or other Bay Networks software products are licensed for use under the terms of the applicable Bay Networks, Inc. Software License Agreement that accompanies such software and upon payment by the end user of the applicable license fees for such software.

2. Restrictions on use; reservation of rights. The Software and user manuals are protected under copyright laws. Bay Networks and/or its licensors retain all title and ownership in both the Software and user manuals, including any revisions made by Bay Networks or its licensors. The copyright notice must be reproduced and included with any copy of any portion of the Software or user manuals. Licensee may not modify, translate, decompile, disassemble, use for any competitive analysis, reverse engineer, distribute, or create derivative works from the Software or user manuals or any copy, in whole or in part. Except as expressly provided in this Agreement, Licensee may not copy or transfer the Software or user manuals, in whole or in part. The Software and user manuals embody Bay Networks' and its licensors' confidential and proprietary intellectual property. Licensee shall not sublicense, assign, or otherwise disclose to any third party the Software, or any information about the operation, design, performance, or implementation of the Software and user manuals that is confidential to Bay Networks and its licensors; however, Licensee may grant permission to its consultants, subcontractors, and agents to use the Software at Licensee's facility, provided they have agreed to use the Software only in accordance with the terms of this license.

3. Limited warranty. Bay Networks warrants each item of Software, as delivered by Bay Networks and properly installed and operated on Bay Networks hardware or other equipment it is originally licensed for, to function substantially as described in its accompanying user manual during its warranty period, which begins on the date Software is first shipped to Licensee. If any item of Software fails to so function during its warranty period, as the sole remedy Bay Networks will at its discretion provide a suitable fix, patch, or workaround for the problem that may be included in a future Software release. Bay Networks further warrants to Licensee that the media on which the Software is provided will be free from defects in materials and workmanship under normal use for a period of 90 days from the date Software is first shipped to Licensee. Bay Networks will replace defective media at no charge if it is returned to Bay Networks during the warranty period along with proof of the date of shipment. This warranty does not apply if the media has been damaged as a result of accident, misuse, or abuse. The Licensee assumes all responsibility for selection of the Software to achieve Licensee's intended results and for the installation, use, and results obtained from the Software. Bay Networks does not warrant a) that the functions contained in the software will meet the Licensee's requirements, b) that the Software will operate in the hardware or software combinations that the Licensee may select, c) that the operation of the Software will be uninterrupted or error free, or d) that all defects in the operation of the Software will be corrected. Bay Networks is not obligated to remedy any Software defect that cannot be reproduced with the latest Software release. These warranties do not apply to the Software if it has been (i) altered, except by Bay Networks or in accordance with its instructions; (ii) used in conjunction with another vendor's product, resulting in the defect; or (iii) damaged by improper environment, abuse, misuse, accident, or negligence. THE FOREGOING WARRANTIES AND LIMITATIONS ARE EXCLUSIVE REMEDIES AND ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Licensee is responsible for the security of its own data and information and for maintaining adequate procedures apart from the Software to reconstruct lost or altered files, data, or programs.

4. Limitation of liability. IN NO EVENT WILL BAY NETWORKS OR ITS LICENSORS BE LIABLE FOR ANY COST OF SUBSTITUTE PROCUREMENT; SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES; OR ANY DAMAGES RESULTING FROM INACCURATE OR LOST DATA OR LOSS OF USE OR PROFITS ARISING OUT OF OR IN CONNECTION WITH THE PERFORMANCE OF THE SOFTWARE, EVEN IF BAY NETWORKS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT

SHALL THE LIABILITY OF BAY NETWORKS RELATING TO THE SOFTWARE OR THIS AGREEMENT EXCEED THE PRICE PAID TO BAY NETWORKS FOR THE SOFTWARE LICENSE.

5. Government Licensees. This provision applies to all Software and documentation acquired directly or indirectly by or on behalf of the United States Government. The Software and documentation are commercial products, licensed on the open market at market prices, and were developed entirely at private expense and without the use of any U.S. Government funds. The license to the U.S. Government is granted only with restricted rights, and use, duplication, or disclosure by the U.S. Government is subject to the restrictions set forth in subparagraph (c)(1) of the Commercial Computer Software—Restricted Rights clause of FAR 52.227-19 and the limitations set out in this license for civilian agencies, and subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause of DFARS 252.227-7013, for agencies of the Department of Defense or their successors, whichever is applicable.

6. Use of Software in the European Community. This provision applies to all Software acquired for use within the European Community. If Licensee uses the Software within a country in the European Community, the Software Directive enacted by the Council of European Communities Directive dated 14 May, 1991, will apply to the examination of the Software to facilitate interoperability. Licensee agrees to notify Bay Networks of any such intended examination of the Software and may procure support and assistance from Bay Networks.

7. Term and termination. This license is effective until terminated; however, all of the restrictions with respect to Bay Networks' copyright in the Software and user manuals will cease being effective at the date of expiration of the Bay Networks copyright; those restrictions relating to use and disclosure of Bay Networks' confidential information shall continue in effect. Licensee may terminate this license at any time. The license will automatically terminate if Licensee fails to comply with any of the terms and conditions of the license. Upon termination for any reason, Licensee will immediately destroy or return to Bay Networks the Software, user manuals, and all copies. Bay Networks is not liable to Licensee for damages in any form solely by reason of the termination of this license.

8. Export and Re-export. Licensee agrees not to export, directly or indirectly, the Software or related technical data or information without first obtaining any required export licenses or other governmental approvals. Without limiting the foregoing, Licensee, on behalf of itself and its subsidiaries and affiliates, agrees that it will not, without first obtaining all export licenses and approvals required by the U.S. Government: (i) export, re-export, transfer, or divert any such Software or technical data, or any direct product thereof, to any country to which such exports or re-exports are restricted or embargoed under United States export control laws and regulations, or to any national or resident of such restricted or embargoed countries; or (ii) provide the Software or related technical data or information to any military end user or for any military end use, including the design, development, or production of any chemical, nuclear, or biological weapons.

9. General. If any provision of this Agreement is held to be invalid or unenforceable by a court of competent jurisdiction, the remainder of the provisions of this Agreement shall remain in full force and effect. This Agreement will be governed by the laws of the state of California.

Should you have any questions concerning this Agreement, contact Bay Networks, Inc., 4401 Great America Parkway, P.O. Box 58185, Santa Clara, California 95054-8185.

LICENSEE ACKNOWLEDGES THAT LICENSEE HAS READ THIS AGREEMENT, UNDERSTANDS IT, AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS. LICENSEE FURTHER AGREES THAT THIS AGREEMENT IS THE ENTIRE AND EXCLUSIVE AGREEMENT BETWEEN BAY NETWORKS AND LICENSEE, WHICH SUPERSEDES ALL PRIOR ORAL AND WRITTEN AGREEMENTS AND COMMUNICATIONS BETWEEN THE PARTIES PERTAINING TO THE SUBJECT MATTER OF THIS AGREEMENT. NO DIFFERENT OR ADDITIONAL TERMS WILL BE ENFORCEABLE AGAINST BAY NETWORKS UNLESS BAY NETWORKS GIVES ITS EXPRESS WRITTEN CONSENT, INCLUDING AN EXPRESS WAIVER OF THE TERMS OF THIS AGREEMENT.

Contents

Preface

Bay Networks Technical Publications vii
How to Get Help viii

Release Notes

Maintenance Release Methodology 1
Year 2000 Compliance 2
Image Builder Operational Note 2
BayRS Version 13.02 Fixed Anomalies 2
Site Manager Software Version 7.02 Fixed Anomalies 16

Preface

Bay Networks Technical Publications

You can now print Bay Networks technical manuals and release notes free, directly from the Internet. Go to *support.baynetworks.com/library/tpubs/*. Find the Bay Networks product for which you need documentation. Then locate the specific category and model or version for your hardware or software product. Using Adobe Acrobat Reader, you can open the manuals and release notes, search for the sections you need, and print them on most standard printers. You can download Acrobat Reader free from the Adobe Systems Web site, *www.adobe.com*.

You can purchase Bay Networks documentation sets, CDs, and selected technical publications through the Bay Networks Collateral Catalog. The catalog is located on the World Wide Web at *support.baynetworks.com/catalog.html* and is divided into sections arranged alphabetically:

- The “CD ROMs” section lists available CDs.
- The “Guides/Books” section lists books on technical topics.
- The “Technical Manuals” section lists available printed documentation sets.

Make a note of the part numbers and prices of the items that you want to order. Use the “Marketing Collateral Catalog description” link to place an order and to print the order form.

How to Get Help

For product assistance, support contracts, information about educational services, and the telephone numbers of our global support offices, go to the following URL:

http://www.baynetworks.com/corporate/contacts/

In the United States and Canada, you can dial 800-2LANWAN for assistance.

BayRS Version 13.02 and Site Manager Software Version 7.02 Release Notes

This document lists the anomalies (also referred to as bugs, change requests, or CRs) that have been fixed in Bay Networks® BayRS™ Version 13.02 and Site Manager Software Version 7.02.

Use the BayRS Version 13.00 and Site Manager Software Version 7.00 documentation with BayRS Version 13.02 and Site Manager Software Version 7.02.

Maintenance Release Methodology

BayRS Version 13.02 and Site Manager Software Version 7.02 are Maintenance Releases.

Maintenance Releases are designated by a change in the second number to the right of the decimal point. They provide a collection of software bug fixes for the current Major Release. No new software or hardware features or functionality for either software or hardware is introduced beyond that already contained in the current Major Release.

A Maintenance Release will occur approximately each 3 to 4 months after a Major Release occurs. A Maintenance Release replaces the current Major Release (or the prior Maintenance Release) and will become the current shipping version of BayRS. Each Maintenance Release will be a consolidation of the prior bug fixes made through Revision Releases, and will roll up all such software bug fixes provided by the recent Revision Releases.

Year 2000 Compliance

BayRS Version 13.02 and Site Manager Software Version 7.02 are Year 2000 Compliance Certified by Bay Networks. They have successfully passed Bay Networks Test Procedure which tests conformance to the Bay Networks Year 2000 compliance definition, both of which can be found at the Bay Networks Year 2000 Web Site at *http://www.baynetworks.com/year2000/.*

Image Builder Operational Note

If you are using Image Builder in Site Manager Software Version 6.10 to modify a BayRS Version 13.02 router image, you will receive an error. Please contact Bay Networks Customer Support to obtain the patch for this problem.

BayRS Version 13.02 Fixed Anomalies

Bay Networks has fixed the following anomalies in BayRS Version 13.02.

==========

SITE MANAGER COMPATIBILITY

==========

BayRS version is managed by Site Manager version

13.02 ----------> 7.02

13.01 Revision 2 ----------> 7.01 and 7.01 Revision 2

13.02 Revision ----------> 7.02

13.02 Revision 2 is Year 2000 Compliance Certified by Bay Networks. It has successfully passed Bay Networks Test Procedure which tests conformance to Bay Networks Year 2000 compliance definition, both of which can be found at Bay Networks Year 2000 Web site at http://www.baynetworks.com/year2000/.

==========

CR 98011: ATM Signalling

An error occurs in ATM when you attempt to change the UNI version from V3.0 to V3.1 on the router using Site Manager.

CR 97018: DLSw

User is unable to reestablish a session between the PC 3270 client and the IBM host after restarting TCP on an QLLC upstream network with DLS configured.

CR 92642: Source Route Bridge

In attempting to form a source route bridge SNA session between the Passport and the router, the session fails because the router fails to forward an XID poll (SRF) to the token ring interface.

CR 97753: RSVP

A memory leak occurs in crm_message_dispatch when reservations for different multicast groups are brought up and released.

CR 95215: Config

When you attempt to use Site Manager (WIN 95) in remote, local or cache mode, the Site Manager Configuration Manager generates the following error message:

WARNING: Bogus Record Found 1.3.6.14.1.18.3.1.2.1

OK

This condition occurs only on an ASN2 router.

CR 99058/CR 94354: OSPF

After restarting OSPF on a very busy router, a Vector 2 bus error occurs in OSPF.

CR 100000: ATM

Sending large packets via an ATM PVC that is overutilized and clipping frames during data transmission causes the router to generate the following panic message: "Atmizer Write to Guard Page VBM".

CR 92951: IPX

When you attempt to disable an IPX service on a Novell server, IPX stops advertising the SAP, but a router in a very redundant configuration fails to delete the SAP from its table and it never ages out.

CR 98042: VINES

When you restart VINES on multiple routers, a watchdog error occurs in VINES.

CR 99379: NAT

When you disable the MIB attribute wfNatAddrRangeEntry, NAT continues to use the range and continues to transmit data.

CR 25189: OSPF

A fault occurs in OSPF when you attempt to change the value of an OSPF Global parameter for an Ethernet port on an AS boundary router.

CR 25921: LOADER

If there is a panic on a slot from which the router booted, the Technician Interface suffers a delay of approximately 20 seconds for any loadable action.

CR 29657: GAME

The value of Sysuptime (MIB II) is off by plus or minus 15%.

CR 29963: DLSw

A bus error occurs in DLSw when the IP interface is restarted repeatedly.

CR 30692: APPN

Added log message to identify which slot is the APPN soloist to avoid confusion.

CR 31614: AN2

The *hardware.bat* script does not display the correct "Link Module" type for an AN2 router containing an Ethernet, 2 synchronous, CSU/DSU, and DCM modules.

CR 32886: DLSw

When you disconnect a PU1 controller and reconnect it to the SDLC Primary line on a router, DLSw gets stuck cycling between the disconnect and established states.

CR 33831: ATM

On an ATM interface running IP, an error message occurs with minimum traffic flow.

CR 34606: GAME

Added log messages for user requested reset, restart, and diagnostics to distinguish these from slots that are simply disconnecting.

CR 35686: IP

Attempting to report on more than one protocol (defined in xxxRouteSource and xxxExtRouteSource) in Report Generator can cause an invalid entry error.

CR 35988: ATM

When there is a signaling type mismatch between the router and another device, a memory leak occurs, causing the router to fault because of lack of memory.

CR 78275: Filters

The router faults after reordering the filters when you create a new bridge traffic filter on an ATM SVC. This only occurs if there is a matching packet for one of the new filters.

CR 78835: X.25

A TCP session cannot be established after you disable and then re-enable TCP.

CR 80322: Frame Relay

A bus error occurs when you disable a sync port and then re-enable it after the backup circuit has been activated. This affects configurations for direct frame relay mode PVCs with ISDN backup support.

CR 80469: IPEX

For an IPEX gateway, the router is unable to pass data using Long header mode; sessions will not establish and the router will not forward data.

CR 80490: BGP

BGP fails to use up-to-date information after new information is added dynamically.

CR 84676: ATM

The severity level for the ATM messages "Succeeded to register" and "Succeeded to remove" appear as warning messages when they should be informational messages.

CR 85279: IP

NAT incorrectly calculates the UDP checksum on fragmented packets.

CR 85348: IPEX

Router sends frames out of sequence at both the LAPB and X.25 layers before disconnecting with a related bus error.

CR 86009: DLSw

DLSw/APPN Boundary function fails between APPN and AS/400s over DLSw when the AS/400 disconnects and reconnects.

CR 86097: IP

A router configured with NAT faults when using the N to 1 translations. Also, the performance is slow compared to Static or Dynamic translations.

CR 86328: DLSw

DLSw fails to issue a HALT_DL message after a DISC/UA exchange.

CR 86982: DLSw

An SNA (System Network Architecture) suffers delays in reconnecting after a line interruption. This occurs when the client attempts to reestablish a connection before the host responds. The router's broadcast reduction feature shuts down further attempts to contact the host for a specified period of time.

CR 88102: IPX

The router may fault when running IPX with many host entries.

CR 88298: VINES

When a router running VINES receives an RDR for a local client, it does not add the client to the neighboring table.

CR 88495: X.25

When you configure a small number of virtual circuits when starting X.25, an insufficient quantity of PDU buffers is made available.

CR 88764: ISDN

An ARN router with a BRI U is unable to open, remaining in a down state.

CR 88830: OSPF

OSPF experiences delays running Dijkstra to converge the network after an interface goes down.

CR 88871: SNMP

When SNMP get requests are sent to valid object IDs, the router receives all get requests, but stops sending replies at some point, failing to reply in any way to the remainder of get requests. Added attribute wfSnmpMaxlnPktChain to limit the number of requests that SNMP can process at one time.

CR 89301: IP

Not all static routes are updated in the IP routing table after the next-hop network interface restarts.

CR 89307: QLLC

QLLC can’t re-establish a TCP connection between PC3270 and an IBM host when the token ring slot is reset on the host router.

CR 89368: MOSPF

Multicast traffic will not propagate from one root area to another area in MOSPF.

CR 89564: ATM

After you disable and reenable a PVC, the ATM Interface Configure VCCs MIB is incorrect.

CR 89614: X.25

A bus error occurs when using compression and an X.25 PDN service.

CR 89704: NTP

The Peer Filter option used during the configuration of the Network Time Protocol doesn’t function properly. When an NTP access filter is set for a particular peer server, the local time does not update even if the filter type is set to Prefer. The router must be rebooted for the filter to take effect.

CR 89948/89959: DECnet

After you boot the router, DECnet generates invalid routing information that includes empty packets instead of level 2 updates. As a result, DECnet fails to build a topology packet because it assumed that there had not been a topology change. This causes the router to send out erroneous level 2 updates continuously until the next topology change occurs.

CR 90008: IPX

The **show ipx host** script hangs during execution.

CR 90081: ATM/BCC

Changing the MTU (maximum transmission unit) under PVC-service record brings down the ATM circuit.

CR 90378: RADIUS

When you enable a VPN gateway for two or more DVS circuits on a single frame relay slot, the DVS circuits do not function although the frame relay activity remains operational.

CR 90384: OSPF

On a router running OSPF, a bus error occurs when an ABR (area border router) summarizes a more or less specific route.

CR 90386: ATM

Not able to disable or enable ATM service record with disabled PVC.

CR 90450: ATM

A corrupt LE_ARP entry inhibits connectivity to an ATM attached host.

CR 90538: X.25

IPEX sends out the Reset Indication with 0x1d (network is out of order) cause code after receiving a TCP abort or close message. Some vendors require that this be configurable.

CR 90619: Scripts

The show sync statistics circuit provides partial information on a multiline circuit configuration.

CR 91053: Scripts

The show sync base script does not display all known sync states.

CR 91334: SDLC

Implemented SDLC flagstreaming on the coprocessors on the Quad and Octal sync link modules. This was originally done on the Dual sync link module in CR 35096.

CR 91606: IP

Changing a circuit from primary on one slot to dial backup on another slot can cause inconsistencies in the IP routing table.

CR 91684: BGP

A problem exists in IBGP ECMP when using the "traffic load balancing" method and when one of the paths is removed. As a result, the BGP peers can terminate or OSPF adjacencies can go down.

CR 91805: DLSw

When configured to activate peer first, the router does not retry the connection after it has been brought down due to inactivity.

CR 91930: X.25

Add Transpac cause code and fast select support for Traspac X.25 conformance testing.

CR 91934: IPX

Bay Networks Model 5782 module VNR stops sending timed IPX SAP updates on various circuits.

CR 91984: SWSERV

On an on-demand circuit, when the auto_termination option is set to On and the circuit is taken down, a bus error occurs.

CR 92034: ATM

An MCP error occurs when a router running transparent bridge receives an LE_NARP request.

CR 92090: OSPF

A router configured with OSPF should ignore a route with a non-contiguous mask that it receives. However, a bus error occurs instead.

CR 92242: IP

IP transmits an ARP for a next-hop host out an incorrect interface. If there is a device running proxy ARP, it responds to this ARP, which causes the router to send packets to this next hop out the wrong interface.

CR 92592: DLSw

A bus error occurs if you set the MIB attributes for wfDlsLocalDeviceCanureachTimer and wfDlsLocalDeviceCanureachRetries to zero to prevent the SDLC interface from initiating CanUReach messages.

CR 92616: DLSw

Following a failed SDLC to LLC2 connection between a 3174 cluster controller and the 5745 Enterprise Server, the ESM and router are unable to restore the connection. Each subsequent CANUREACH fails and you must stop and restart DLSw to restore normal operation.

CR 92923: ARP

Proxy ARP is not updating the ARP cache correctly after a new MAC address is configured on an adjacent router on the same network.

CR 92960: BGP

A BGP announce policy does not withdraw once the parameters that trigger it are no longer met.

CR 92971: IP

If you create a static mapping using the BCC (or TI) and the global address falls inside the global range, then NAT does not create the translation.

CR 92381: NAT

After disabling the NAT Static Map Entry parameter and the NAT Address Range parameter, NAT still uses the mapping and range values.

CR 93067: MCT1E1

An ASN takes a bus error in the MCT1 driver when it receives traffic.

CR 93242: DECnet

The broadcast route timer cannot be set beyond 8191 seconds, even though the timer has a valid range of 1 to 65535 seconds.

CR 93415: IP

When you are changing attributes associated with ATM PVCs, an MCP error can occur on the ATM interface.

CR 93345: ARP

A memory leak occurs in ARP when the data link circuits are bounced repeatedly.

CR 93820: X.25

Restarting of X.25 can cause slow recovery of gateway SVC->TCP mapped sessions.

CR 93861: RADIUS

Modified DVS to accept the RADIUS attributes RAS_PORT and RAS_PID MIP authentication and accounting requests into the RADIUS NAS_PORT/NAS_PORT_TYPE authentication and accounting requests.

CR 94090: BGP

BGP announce policy fails to advertise routes under the following conditions: if a BGP announce policy matches a route and advertises another route (non-literal), and that route is already in the RTM by some other means (such as OSPF or static), then the advertise list in the policy will not be announced to the BGP peer, unless it is created/changed dynamically. The peer connection is EBGP.

CR 94119: OSI

In a looped environment, OSI can receive its own link state packet from a neighbor with the same sequence number in its database. Because OSI fails to acknowledge the LSP, the remote side resends the LSP until it ages out prematurely.

CR 94120: OSI

Bouncing the OSI interface causes multiple copies of routing updates to be sent.

CR 94132: MOSPF

When MOSPF experiences large spikes in CPU utilization when running on all slots, dropped packets result. This happens every 30 minutes on an ABR when OSPF refreshes Type 3 LSAs or receives a refreshed Type 3 LSA from another router.

CR 94365: IP

Deleting an IP FORWARD-TO-NEXT-HOP traffic filter results in a bus error.

CR 94376: OSPF

ECMP does not work properly for OSPF type 3 routes because it fails to update the routing table when costs are changed.

CR 94545: FTP

Interrupting an FTP session causes the router to fault.

CR 94776: Protocol Priority

In specific types of configurations, the router experiences a bus error when a large number of packets hit filters for Protocol Priority Queue on a frame relay interface.

CR 94903: VINES

If the router receives a VIP (VINES IP) packet destined for a client at the network layer, sourced from a station on the same LAN, and if the client's routing server is not in the routing table, but the client is in the router's neighbor table, this causes a fault and VINES resets on the router.

CR 95121: SNMP

When you are logged in at the User privilege level, you can view community strings that are tied to "read/write" access, which should require a greater privilege level.

CR 95861: PPP

Debug messages from PPP can wrap too quickly, filling the log file when you are running PPP echo/LQR functions. This makes it difficult to get valid log files when there is a PPP problem occurring.

CR 95714: Command line interface

If you have one or more ARU3 boards installed on your router and you enter the **show sys info** command, it reports these boards as being the ARU2 type.

CR 95024: ATM

The **readexe** command fails on the VNR image.

CR 95323: LLC

LLC faults on an out-of-buffer condition and this causes the LLC circuit to terminate improperly. As a result, DLS never learns that the interface is down and does not recover.

CR 95450: IP

A bus error occurs when you set the wfIpBaseDirectedBcastEnable MIB to disable in ISP mode.

CR 95481: VINES

After you restart VINES on the router, a tag violation may occur.

CR 95494: ISDN

If the primary link goes down and dial backup takes over before the primary link slot has cleaned up, the routing table is in a state where the directly connected network (now using the backup link) does not appear in the IP routing table.

CR 95778: ATM

ATM signaling logs a message indicating that it receives a commit response for unknown "call reference 0."

CR 95998: SDLC

SDLC receives a bus error or tag violation if it receives a PIU (path information unit) whose size is greater than the SDLC Interface maximum PDU (protocol data units).

CR 96152: Log

User-level logins can execute the **log -x** and **log -i** commands, which control the level of logging on the router, and should only be issued at the Manager level.

CR 96266: IPEX

If an X.25 connection is not established, the IpexSession MIB is not successfully removed.

CR 96869: ATM

A router running LAN emulation will stop responding to LE_ARP requests after you change the state of the source route spanning tree. This problem occurs when you change the topology or source route STP global state, or when you bounce a source route STP interface.

CR 97043: Technician Interface

You cannot save the configuration on an AN from the Technician Interface or from Site Manager after having made many dynamic changes.

CR 97629: Translation Bridge

After learning an all zeroes MAC address on a translational bridge interface, the bridge FDB table becomes corrupt.

CR 98979: ATM

On an ATM slot on which 10 LECs (conforming to IEEE standard 802.3) are configured, the router experiences memory loss.

CR 98933: ATM

A router bus error occurs when you are trying to bring up and delete a virtual circuit.

CR 99033: ISDN

The router hangs during call setup negotiation when connected to a DMS100 switch.

CR 99032: AT

On a BCN router, when an ATM slot with AppleTalk resets, all other slots with ATM defined fault.

Site Manager Software Version 7.02 Fixed Anomalies

Bay Networks has fixed the following anomalies in Site Manager Software Version 7.02.

==========

Site Manager Software Version 7.02 is a post-7.00 revision. This version is backward compatible and supports the following router software versions:

13.02

13.01

13.00

12.03

12.02

12.01

11.03

11.02

11.01

11.00

==========

CR 99368: PPP

After you configure a PPP link between the 5380 and BCN router using time slot 1 and 2, Site Manager disables the PPP protocol.

This failure occurs only when using an MCE1.

CR 99938: IPX

Need to support the GLOBAL attribute for wfIpxRipCircImmedUpdate and wfIpxSapCircImmedUpdate IPX parameters.

CR 95215: Config

When you attempt to use Site Manager (WIN 95) in remote, local or cache mode, the Site Manager Configuration Manager generates the following error message:

WARNING: Bogus Record Found 1.3.6.14.1.18.3.1.2.1

OK

This condition occurs only on an ASN2 router.

CR 22893: Router Admin

Site Manager on the PC allows you to set the month value to zero in the Router Date and Time window.

CR 30036: ISDN

Site Manager does not allow a value of 56K for the Adaption Rate for ISDN outgoing phone entries on either an AN or ARN router.

CR 30072: ISDN

When configuring an ISDN leased line as a primary line for a backup circuit, Site Manager reports an internal error.

CR 33127: Frame relay

Site Manager does not allow you to apply a bridge filter "forward to circuit" to a frame relay service record other than the default service record.

CR 34276: SNMP

Initially configuring with the BCC, then switching to Site Manager, results in SNMP set errors.

CR 35438: N/A

Need to change "Wellfleet" to "Bay Networks" in the following message:

"In order to complete installation into HP OpenView you may need to delete any Wellfleet router objects that currently exist in your network map and allow HP OpenView to rediscover them."

CR 35482: DLSw

When configuring the DLSw multicast IP table, the default slot mask for a single slot router is 10 when it should be 1.

CR 35686: IP

If you select more than one protocol to be enabled while configuring route source or external route source, IP policy filter treats the values as invalid.

CR 71702: PCAP.

Using the network general sniffer to open a file on a router converted with Version 1.8 of the packet conversion tool, pktconv, fails with the message "Bad Record Header."

CR 79192: MCT1E1

Site Manager does not add the 31st logical line to an MCE1 timeslot.

CR 82042: SM Core

Using the Configuration Manager in local mode, when the highlighted router in the Well Known Connections list is VME, Site Manager exits.

CR 84150: BGP

When specifying a BGP slot-mask on a router, BGP remains loaded on all slots.

CR 86105: ISDN

When creating a local configuration file with Site Manager, selecting on an ARN router causes Site Manager to close the configuration window.

CR 88721: ATM

The packet conversion tool, pktconv, does not convert PCAP files to sniffer ATC files.

CR 90000: DLSw

For ATM LANE circuits, the DLSw protocol doesn’t show up in the Protocol window and source routing parameters are not saved.

CR 90169: IPX

Using Report Generator to decode binary configuration files to ASCII results in error messages.

CR 91582: Router Admin

When you connect to a Bay Networks 5380 router with Site Manager 7.01 and Windows NT 4.0, the following unnecessary message appears:

"Warning: configuration of 5000 router modules are not supported under windows 3.10. Windows 95 is supported and recommended. Proceed with caution."

CR 92645: X.25

After deleting a service record, Site Manager deletes the IPEX option from the X.25 service configuration, resulting in loss of the ability to configure the IPEX mapping table.

CR 92884: BGP

In the Site Manager BGP Accept Policy window, the Multi-Exit Discriminator and Multi-Exit Discriminator value fields do not appear.

CR 92943: ATM

When you delete an ATM circuit with Site Manager the circuit appears to have been deleted, but the circuit name still exists on the router.

CR 92997: DVS

The DVS key does not display the following correct default values:

Key (Bits 127-96) 0x00000000

Key (Bits 95-64) 0x00000000

Key (Bits 63-32) 0x00000000

Key (Bits 31-0) 0x00000000

CR 92995: OSPF

When you add and delete a DVS security key, related text boxes and other UI elements do not display correctly.

CR 93347: IP

Site Manager does not show an hourglass or wait state message while information is being retrieved over the network.

CR 93368: DS1E1

When you are configuring both ports on a dual 100baseT module, which is not recommended for performance reasons, Site Manager does not provide any warning message.

CR 93453: Report Generator

When running the smcfgrpt report with the "-o outputfile" option from the command line, if the output file is not writable, then you get this misleading error message that complains about the input (vs. the output) file:

"smcfgrpt: error 13 (Permission denied) in opening config file"

CR 93753: DLSw

A QLLC configuration built using router software Release 6.03/12.03 does not work with 7.01/13.01 router software.

CR 94176: Site Manager configuration

Site Manager will not open a configuration in local/remote mode if unrecognizable MIB instances exist in the saved config file.

CR 94923: IP Filters

When editing priority/outbound filters in Site Manager with IP installed, you get an SNMP set error.

CR 95215: ASN Redundant Power Supply

You cannot configure an ASN2 router using Local, Remote or Cache mode.

CR 95222: N/A

The Site Manager setup program for the PC uses the Bay Networks logo versus Nortel Networks.

CR 95291: IPEX

In Site Manager 7.01 for AIX, the Report Generator incorrectly reports IPEX entries.

CR 95307: RFS

The user interface for the Router Files Manager in Site Manager for the PC should be identical to the UNIX version.

CR 95325: Traffic Filters

When you are editing certain filters, Site Manager on the PC goes into an infinite loop.

CR 95964: ATM

After DLSw is configured, SRB cannot be configured on an ATM LANE circuit.

CR 96345: Source Route Bridge

When ATM LANE is configured for Source Route Bridge (SRB), the value for the emulated LAN Segment ID does not get set when the SR Interface Ring ID is configured.

CR 96370: Router Admin

On Unix and PC versions of Site Manager, when you click on Administration > Ping from router > OSI/Vines/AppleTalk, you can type in non-numeric characters.

CR 97021: IGMP

Site Manager sets a numeric value instead of an alpha value for the IGMP Relay Type (wfIgmpIfRelayType).

CR 97052: N/A

Site Manager 7.01 and later is not backwards compatible for the IPX parameter Immediate Update, which shows a numeric value instead of the correct Enable/Disable/Use Global.

CR 97559: IPEX

Site Manager doesn’t allow creation of IPEX mappings on a BLN router.

CR 98156: ATM

Site Manager does not increment the number of VCs when adding a PVC for a router.

CR 98343: Traffic Filters

You cannot add more than 43 Action to an IP traffic filter.

CR 98585: DS1E1

Site Manager doesn’t check whether another port of D-MCT1 has already been configured.

CR 98817: X.25

The X.25 service configuration screen does not display the X.121 address when the type is PDN or PVC.